

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A suspension stop for a motor vehicle wheel, ~~characterised in that it comprises~~ comprising a device for measuring the forces applied to the vehicle wheel, the said device comprising at least one deformation sensor (12) which is associated with the fixed member (1, 6) of the said stop so as to measure the deformations of the said member which are caused by the said forces applied, and a calculation means able for calculating, from these deformations, ~~to calculate~~ the corresponding forces applied.
2. (Currently Amended) A The stop according to Claim 1, ~~characterised in that~~ wherein the device is arranged ~~so as~~ to measure the vertical forces applied to the vehicle wheel.
3. (Currently Amended) A The stop according to Claim 1 or 2, ~~characterised in that it comprises~~ further comprising a roller bearing provided with a fixed top race (1) ~~intended~~ adapted to be secured to the ~~a~~ vehicle chassis (2), a rotating bottom race (3) ~~intended~~ adapted to be fixed to the ~~a~~ suspension spring (4), and rolling bodies (5) disposed between the said races.
4. (Currently Amended) A The stop according to Claim 3, ~~characterised in that it comprises~~ further comprising a top cup (6) associated with the top race (1) and ~~intended~~ adapted to be associated with the chassis (2), and a bottom cup (7) associated with the bottom race (3).

5. (Currently Amended) A stop according to Claim 4, ~~characterised in that wherein the at least one deformation sensor or sensors (12) are is~~ associated with the top cup (6).

6. (Currently Amended) A ~~The~~ stop according to Claim 3 or 4, ~~characterised in that wherein the at least one deformation sensor or sensors (12) are is~~ associated with the top race (4).

7. (Currently Amended) A ~~The~~ stop according to any one of Claims 4 to 6, ~~characterised in that wherein the bottom (7) and top (6) cups each~~ comprise extensions (7d, 6f) which cooperate so as to form a static sealing means.

8. (Currently Amended) A ~~The~~ stop according to any one of Claims 1 to 7, ~~characterised in that wherein the at least one deformation sensor or sensors (12) are is~~ chosen from amongst the sensors comprising strain gauges based on piezoresistive elements, surface acoustic wave sensors and magnetic field sensors.